

B2 3. (Twice amended) Reinforcing device for supporting structures comprising:

a carbon panel, at least one end of the carbon panel being split into at least two strips, and

an end element in which said at least one end terminates,

wherein the strips are inserted at least partially into retaining slots of the end element that are located wedgewise relative to one another.

4. (Twice amended) Reinforcing device for supporting structures comprising:

a carbon panel, at least one end of the carbon panel being split into at least two strips, and

an end element in which said at least one end terminates,

wherein each end of the panel is split into superimposed strips of approximately equal thickness.

B3 7. (Twice amended) Reinforcing device for supporting structures comprising:

a carbon panel, at least one end of the carbon panel being split into at least two strips, and

B3 an end element in which said at least one end terminates,

wherein the end element is a parallelepiped made of metal or plastic.

B4 11. (Twice amended) Method for reinforcing supporting elements with reinforcing devices comprising:

cutting carbon panels to an appropriate length,

separating or splitting each panel at at least one end into at least two strips of approximately the same thickness or width extending parallel to or at an acute angle with respect to each other,

bringing the at least one end into a connection with an end element, and

gluing the arrangement to a tension side of a supporting element to be reinforced.

12. (Twice amended) Method for reinforcing supporting elements with reinforcing devices comprising:

cutting carbon panels to an appropriate length,

separating or splitting each panel at at least one end into at least two strips of approximately the same thickness or width,

B4 bringing the at least one end into a connection with an end element, and

gluing the arrangement to a tension side of a supporting element to be reinforced,

wherein the strips of approximately the same thickness or width are introduced into separate retaining slots of the end element which are arranged fanwise with respect to one another and glued in place or soaked with an adhesive.

13. (Twice amended) Method for reinforcing supporting elements with reinforcing devices comprising:

cutting carbon panels to an appropriate length,

separating or splitting each panel at at least one end into at least two strips of approximately the same thickness or width,

bringing the at least one end into a connection with an end element, and

gluing the arrangement to a tension side of a supporting element to be reinforced,

wherein each of the ends of the carbon panels is separated or split into three strips and the arrangement, before gluing to the supporting element, is pretensioned relative to the latter by clamping means and then glued in a pretensioned state to the supporting element.